

32. (Twice Amended) A method of transforming a plant cell or of obtaining a plant cell culture or transgenic plant, the method comprising:

(a) providing an untransformed plant cell which is susceptible to a herbicide whose herbicidal activity is reduced by a dimeric protein comprising two GST subunits;

(b) transforming the plant cell with the vector according to claim 31;

D²
(c) cultivating the transformed cell under conditions that allow the expression of the polynucleotide encoding a GST subunit to provide a polypeptide comprising a GST subunit, wherein the polypeptide comprising the GST subunit can form a dimer with another GST subunit; and/or

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(c') regenerating the cell to give a cell culture or plant such that the polynucleotide is expressed to provide a polypeptide comprising a GST subunit, wherein the polypeptide comprising the GST subunit can form a dimer with another GST subunit;

(d) contacting the cell, cell culture or plant with the herbicide whose herbicidal activity is reduced by the dimeric protein, and to which the untransformed plant cell was susceptible, and

(e) selecting cells, cell cultures or plants that are less susceptible to the herbicide than are corresponding untransformed cells, cell cultures or plants.

D³
78. (Amended) A plant seed or progeny plant produced by the a method according to claim 22 or 23.